

PORTABLE HAND-HELD MUSIC SYNTHESIZER METHOD AND APPARATUS

ABSTRACT OF THE DISCLOSURE

5 The apparatus involves a hand-held housing with a memory for storing coded
audio event data, a mechanism for downloading into the memory coded audio event
data and digital-audio electronics for retrieving coded audio event data from memory,
converting it to an audio signal and playing it out. The data preferably is stored in
accordance with a musical instrument digital interface (MIDI) standard, and may be
created on an appropriately equipped personal computer (PC). The capacity of such a
10 hand-held device is far greater than if the data were conventionally digitized or coded.